



**US Army Corps
of Engineers.**

Vicksburg District
4155 Clay Street
Vicksburg, MS 39183-3435
www.mvk.usace.army.mil



Public Notice

APPLICATION NO.:	ASJ-MVK-2007-168
EVALUATOR:	Ms. A. Susan Jarvis
PHONE NO.:	(601) 631-5146
FAX NO.:	(601) 631-5459
E-MAIL:	regulatory@mvk02.usace.army.mil
DATE:	June 13, 2007
EXPIRATION DATE:	July 5, 2007

Interested parties are hereby notified that the U.S. Army Corps of Engineers, Vicksburg District, and the Louisiana Department of Environmental Quality, Office of Environmental Services are considering an application for a Department of the Army permit and State water quality certification for the work described herein. A water quality certification is required in accordance with statutory authority contained in the LRS 30:2074 A(3) and provisions of the Clean Water Act. Comments should be forwarded to the Vicksburg District, Attention: CEMVK-OD-F, at the above address, and the Louisiana Department of Environmental Quality, Office of Environmental Services, Post Office Box 4313, Baton Rouge, Louisiana 70821-4313.

The Louisiana Department of Environmental Quality has a copy of the application on file in their office in Baton Rouge and it may be inspected at any time between 8:00 a.m. and 4:30 p.m. weekdays. Copies may be obtained from the Louisiana Department of Environmental Quality upon payment of cost of printing. The Louisiana Department of Environmental Quality will make a final decision on the water quality certification pertaining to this application within 30 days after expiration of this notice.

Law Requiring a Permit: Section 404 of the Clean Water Act (33 U.S.C. 1344), which applies to discharges of dredged or fill material into waters of the United States.

Name of Applicant:
Arcadia Gas Storage, LLC
Post Office Box 389
Arcadia, Louisiana 71001

Name of Agent:
Mr. Randy Denmon
Denmon Engineering, Incorporated
Post Office Box 8460
Monroe, Louisiana 71211

Location of Work: Section 29 of T18N-R5W, latitude 32°31'15" longitude 92°54'21", within Saline Bayou drainage basin, Bienville Parish, Louisiana.

Description of Work: (See enclosed map and drawings.)

The following descriptions of the proposed project and associated impacts are based upon information provided by the applicant.

The applicant is applying for a Department of the Army permit to discharge dredged material into wetlands and other waters of the United States in Bienville Parish, Louisiana. The purpose of the project is to construct a lake for storage and surface water usage.

The lake would be approximately 9.2 acres in size and would cover a surface area of 400,752 square feet. The normal pool stage would be 282 feet National Geodetic Vertical Datum (NGVD) and the dam top elevation would be 290 feet NGVD. The dam would be approximately 825 feet in length with 3:1 side slopes. The dam would have a top width of 10 feet and a bottom width that varies from 94 feet at the widest to 10 feet at the most narrow section. The lake would average 20 feet deep and have a 50 foot concrete weir at the elevation of 282 feet NGVD.

The project site consists of approximately 17.5 acres to include the footprint of the lake area and the adjacent area to be utilized in construction of the lake. Approximately 5.64 acres of jurisdictional wetlands are located on the project site. Approximately 3.63 acres of wetlands would be impacted through inundation while 0.10 acre of wetlands would be impacted through filling. Vegetation located in the jurisdictional wetlands would include *Baccharis halimifolia*, *Carpinus caroliniana*, *Juncus* spp., *Pinus taeda*, *Quercus nigra*, *Quercus phellos*, *Salix nigra*, and *Ulmus americana*. The soils located in the project area include Bowie sandy loam, Gurdon soil which are both non-hydric, and Guyton silty loam which is a hydric soil and poorly drained.

There are approximately 0.65 acre of other waters of the United States onsite. Approximately 1875 linear feet of an unnamed intermittent stream would be impacted by the project. Approximately 0.60 acre (1750 linear feet) would be permanently inundated and approximately 0.05 acre (125 linear feet) would be filled. Approximately 7,330 cubic yards of earthen fill obtained from the excavation of the lakebed would be used. Approximately 300,000 cubic yards of excavation would occur onsite.

The placement of dredged and/or fill material in waters of the United States associated with the mechanized land clearing and excavation requires a Department of the Army Permit.

Upon reviewing this notice, you should write to this office to provide your opinion of the impacts this work will have on the natural and human environment and address any mitigation you believe is necessary to offset these impacts. Other comments are welcome, but the above information will further our review of the applicant's plan as proposed. Comments of a general nature are not as helpful as those specific to the impacts of the subject project.

State Water Quality Permit: The State Pollution Control Agency must certify that the described work will comply with the State's water quality standards and effluent limitations before a Corps permit is issued.

Cultural Resources: An initial review indicates that the proposed project would not affect any of the sites in Bienville Parish listed in the National Register of Historic Places. Copies of this notice have been sent to the State Historic Preservation Officer, Federally Recognized Tribes, and other interested parties for comment on potential effects to cultural resources that could result from this activity.

Endangered Species: Our initial finding is that the proposed work would not affect any endangered species or their critical habitat. This proposal is being coordinated with the U.S. Fish and Wildlife Service, and any comments regarding endangered species or their critical habitat will be addressed in our evaluation of the described work.

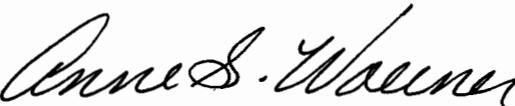
Flood Plain: In accordance with 44 CFR Part 60 (Flood Plain Management and Use), participating communities are required to review all proposed development to determine if a flood plain development permit is required. Flood plain administrators should review the proposed development described in this public notice and apprise this office of any flood plain development permit requirements.

Evaluation Factors: The decision whether or not to issue a permit will be based upon an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefits that may be expected to accrue from the proposal must be balanced against its expected adverse effects. All factors which may be relevant to the proposal will be considered; among these are conservation, economics, aesthetics, general environmental concerns, historic values, fish and wildlife values, flood damage prevention, land use classification, navigation, recreation, water supply, water quality, energy needs, safety, food requirements and, in general, the needs and welfare of the people. Evaluation of the proposed activity will include application of the guidelines published by the Environmental Protection Agency under authority of Section 404(b) of the Clean Water Act.

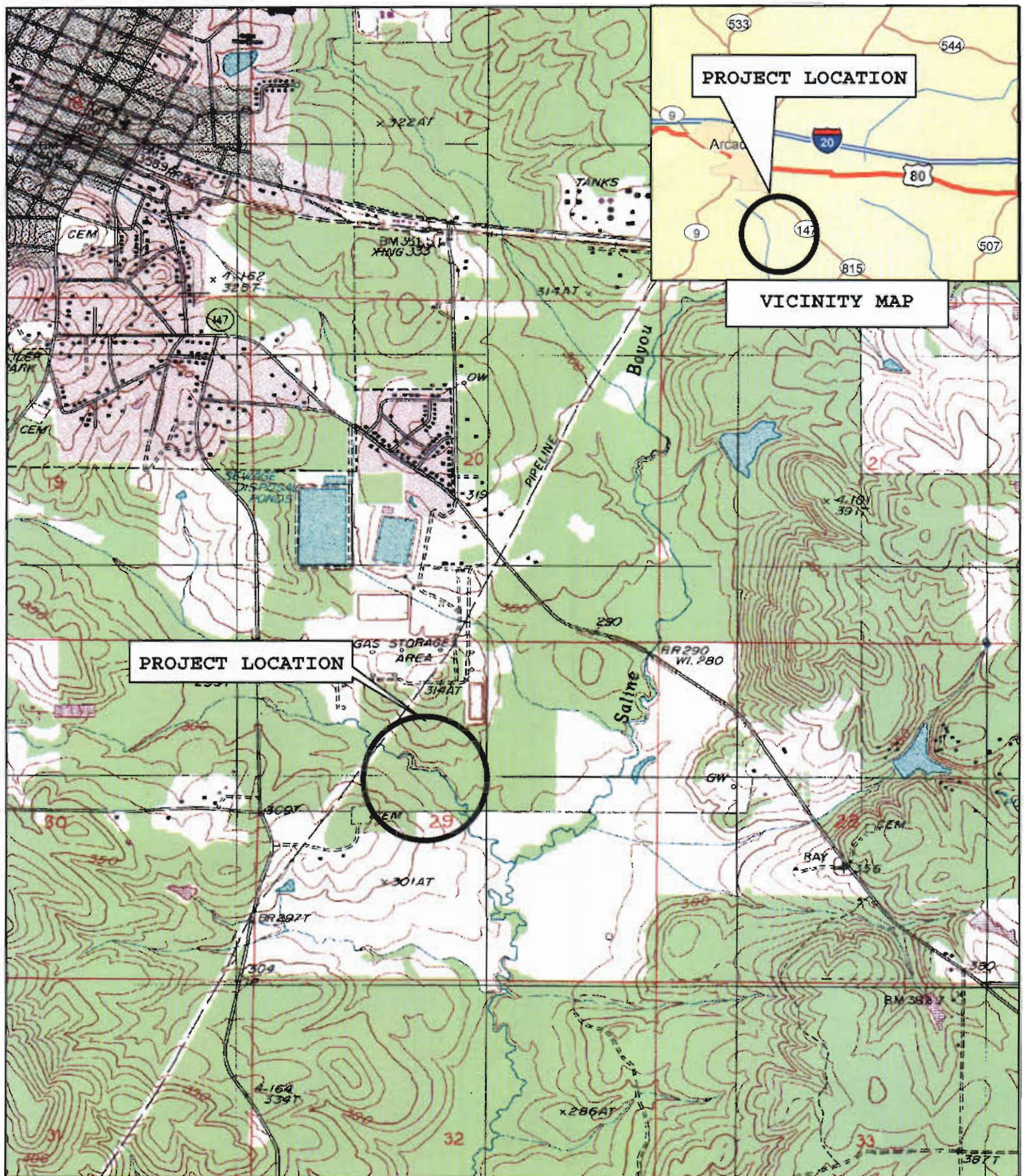
Public Involvement: The purpose of this notice is to solicit comments from the public; Federal, State, and local agencies and officials; Indian Tribes; and other interested parties. These comments will be used to evaluate the impacts of this project. All comments will be considered and used to help determine whether to issue the permit, deny the permit, or issue the permit with conditions, and to help us determine the amount and type of mitigation necessary. This information will be used in our Environmental Assessment or Impact Statement. Comments are also used to determine the need for a public hearing.

Opportunity for a Public Hearing: Any person may make a written request for a public hearing to consider this permit application. This request must be submitted by the public notice expiration date and must clearly state why a hearing is necessary. Failure of any agency or individual to comment on this notice will be interpreted to mean that there is no objection to the proposed work. Please bring this announcement to the attention of anyone you know who might be interested in this matter.

Notification of Final Permit Actions: Each month, the final permit actions from the preceding month are published on the Vicksburg District Regulatory web page. To access this information, you may follow the link from the Regulatory web page, <http://www.mvk.usace.army.mil/offices/od/odf/main.asp>, or go directly to the Final Permit Actions web page at <http://www.mvk.usace.army.mil/offices/od/odf/PubNotice/MonthlyNotice/pnmain.asp>.


Anne S. Woerner
Acting Chief
Evaluation Section
Regulatory Branch

ARCADIA GAS STORAGE WATER RESERVOIR



ARCADIA QUAD

1:24,000

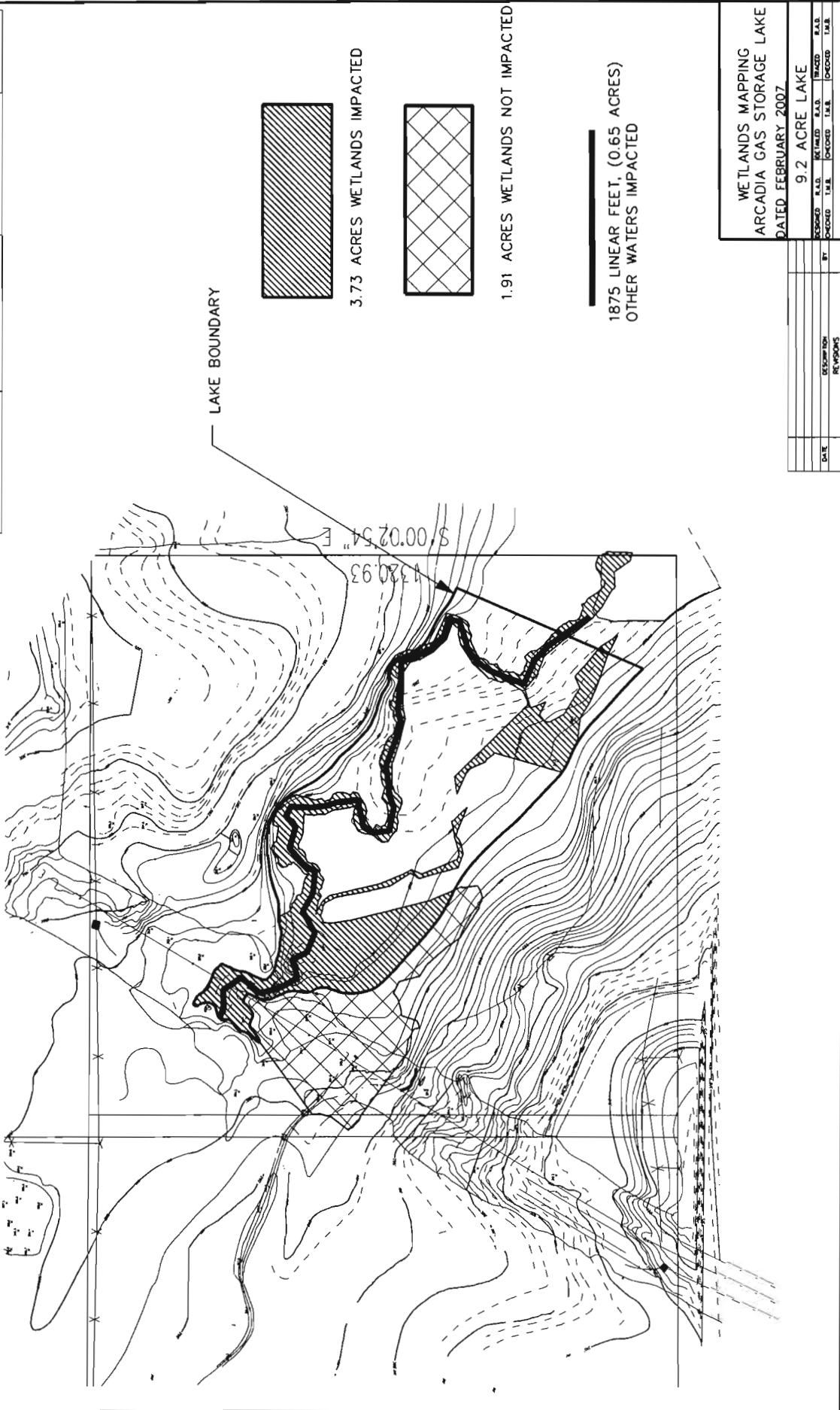
0 0.25 0.5 1 Miles



CEMVK-OD- FE ASJ-MVK-2007-168

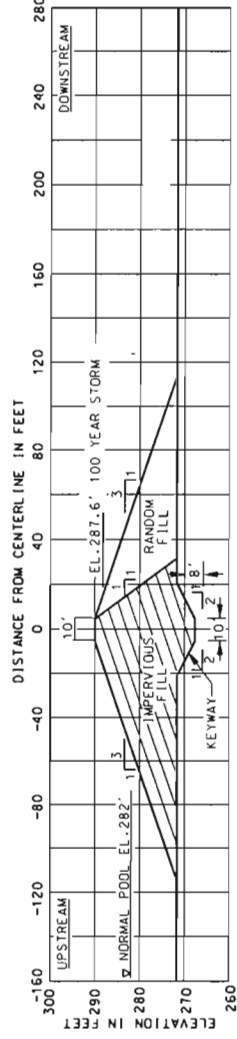
ARCADIA GAS STORAGE LLC

F.A.P.	STATE PROJECT	PARISH	SHEET NO.
		BIENVILLE	



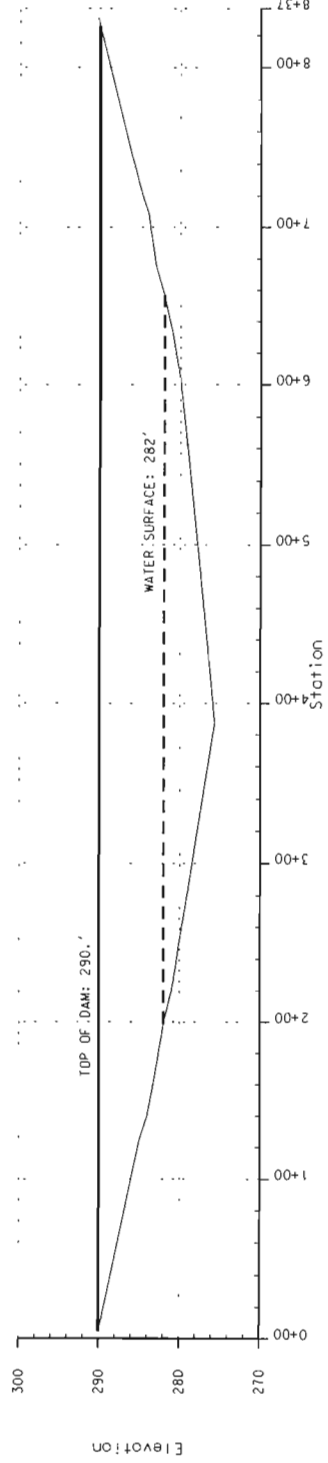
CEMVK-OD-FE ASJ-MVK-2007-168

ARCADIA GAS STORAGE LLC

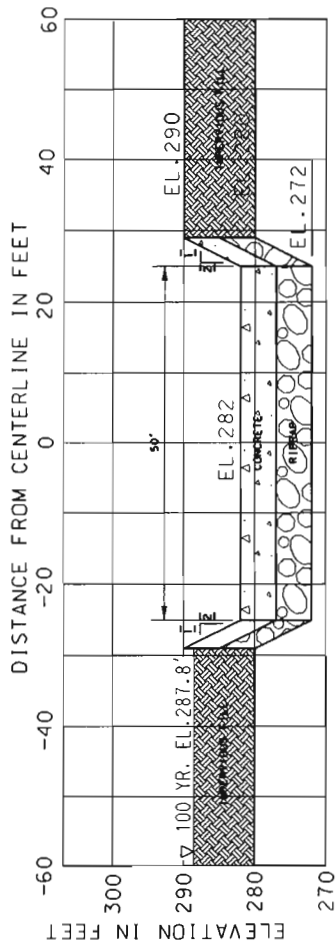


TYPICAL EMBANKMENT CROSS SECTION - MAIN DAM

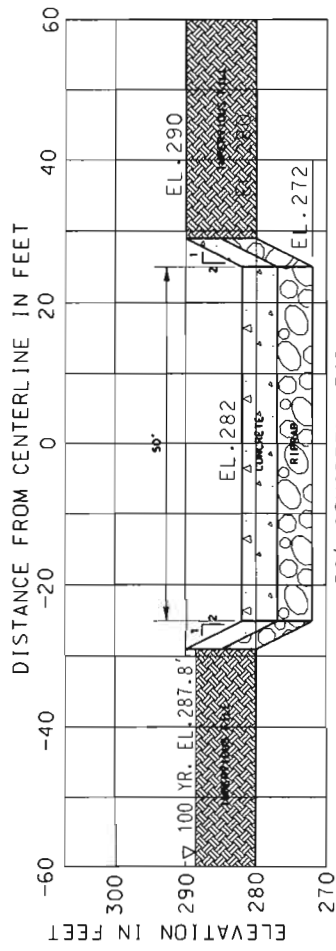
Profile Window
Dam Baseline



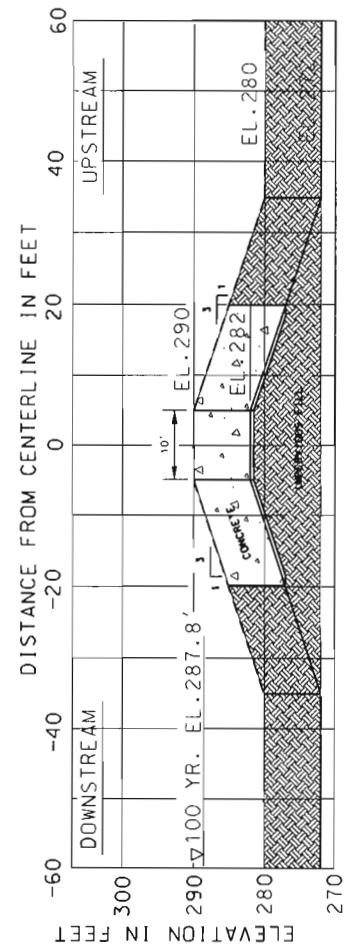
LINE	SURFACE	OFFSET
1	1	0.00
Scaled 5.00 Times Ver.		
Scaled 1.00 Times Hor.		



UPSTREAM ELEVATION



50' CONCRETE WEIR
DOWNSTREAM ELEVATION



TYPICAL EMBANKMENT CROSS SECTION